

## Center for Quality and Integrity Design

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<u>Overview</u>	<u>Technologies</u>	<u>Status</u>	<u>Economic Impact</u>
Current State Contract \$50,000	*Structural Integrity Design	*2 inventions disclosed	*\$207,000 post doc fellowship from Rolls Royce is now being finalized
Matching Funds \$261,650 Cumulative \$939,800	*Structural Fatigue analysis for airplanes/trains/buildings	*License agreement pending with FASIDE International, Inc.	*Over \$9.4 billion spent annually in US for outside training industry
Industry Jobs Created 3	*High temperature SEM fatigue testing	*Inventions: 1. High temperature adaptation for in site scanning electron microscopy fatigue stress	*Annual revenues for FASIDE are projected to exceed \$3.4 million by 1994
Center Related Jobs 1	*Industrial Training	2. Dual actuated fatigue system attached to a scanning electron microscope	*Expected to yield a return to the state greatly in excess of 30% from 1988 to 1994
Benefiting Utah Companies FASIDE International Inc.	*Addressing reliability and maintain ability of country's aging commercial aircraft fleet		
Patents Applied 2			
Patents Issued --			
License Agreements 1	*Reduce wear phenomenon existing as a major problem in key industrial applications		